US Case PC/4 -32388A/32810

Rec'd PCT/PTO 06 JUN 2005 **10/5**06936

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		☐ Suppleme	ntal	☐ Substitute
					· .
As	a below na	amed inventor, I hereb	by declare that	:	
Му	residence,	post office address a	and citizenship	are as stated below ne	xt to my name, and
and	d joint inver		name is listed	below) of the subject n	ted below) or an original, first natter which is claimed and for
		lloproteinase Inhil y for the treatmen		nbination with Hypo	thermia and/or
the	specificati	on of which:			
	is atta	ched hereto.			
	was fil		/month/year)	as Application No.	
	and, if	this box (□) contains	s an 🗴		
		was amended on	(day/month/ye	ar)	
×	was fil	ed as Patent Cooper	ation Treaty int	ternational Application N	lo.
	PCT/E	EP03/02365	on	07/03/2003 lay/month/year)	
	and, if	this box (□) contains	s an 🗴		
		entered the nationa	I stage in the l	United States and was a	ccorded Application No.
	and, if	this box (□) contains	s an ×		
		was amended, sub-	sequent to ent	ry into the national stage	
			•		(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

US

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY	CLAIMED
Great Britain	0205537.4	08/03/2002	▼ Yes	□ No
Great Britain	0229054.2	12/12/2002	Yes	□ No
	•		Yes	□ No
		•	☐ Yes	□ No
	•		☐ Yes	□ No
I hereby claim the benefit below:	under 35 U.S.C. 119(e) o	f any United States provi	sional applicat	ion(s) listed
APPLICATION NO.		FILING DATE (day/month/year)		

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States	United States	Status (Pending,	Interna	tional
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all sorrespondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1.00

Full name of sole or first joint inventor

Motowo NAKAJIMA

Inventor's signature

Tokyo 171-0052, Japan

Citizenship

Residence

Japan

Post Office Address

3-9-33 Minami Nagasaki

Toshima-ku Tokyo 171-0052

Japan

Full name of second joint inventor, if any

Kazuhiro MIZUMOTO

Inventor's signature

Fukuoka-Ken 814-0133, Japan

Citizenship

Residence

Japan

Post Office Address

Nanakuma 3-18-21

Johnan-ku Fukuoka-shi

Fukuoka-Ken 814-0133

Japan

US Case PC/4 -32388A/32810

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of third joint inventor, if any	Li-Wu QIAN	;	
Inventor's signature		Date	
			(day/month/year)
Residence	Texas 78229, USA		
Citizenship	Japan		
Post Office Address	5534 Fredericksburg Rd., Apt. 212 Texas 78229 USA		
Full name of fourth joint inventor, if any	Hiroyuki HONDA		
Inventor's signature		Date	
inventor s signature			(day/month/year)
Residence	Aichi-ken 458-0818, Japan		
Citizenship	Japan		·
Post Office Address	Ohshimizu 5-1107 Midori-ku Nagoya-shi Aichi-ken 458-0818 Japan		

Full name of fifth joint inventor, if any	Naoki KATO		
Inventor's signature		Date -	(day/month/year)
Residence	Gifu-ken 509-7605, Japan		
Citizenship	Japan		
Post Office Address	Hara 1197 Yamaoka-cho Ena-gun Gifu-ken 509-7605 Japan		
Full name of sixth joint inventor, if any	Takeshi KOBAYASHI		."
Inventor's signature		Date	(day/month/year)
·			(day/month/year)
Residence	Aichi-ken 487-0013, Japan		
Citizenship	Japan		
Post Office Address	Kozoji-cho 7-7-6-105 Kasugai-shi Aichi-ken 487-0013		

Japan

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Rec'd PCT/PTO 06 JUN 2005 10/506936

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		Supplemental	. 🗆	Substitute
As a	a below named inventor, I her	eby d	eclare that:	•	
Муі	residence, post office addres	s and	citizenship are as stat	ed below next to my	name, and
and	lieve I am the original, first a joint inventor (if more than o ch a United States patent is s	ne na	me is listed below) of t	he subject matter wh	ow) or an original, first nich is claimed and for
	trix Metalloproteinase In iotherapy for the treatmo			with Hypothermia	a and/or
the	specification of which:				
	is attached hereto.				
	was filed on (d	ay/mo	as Applicat	ion No.	
	and, if this box (□) conta	ins an	×		•
	was amended or				
		(da	ay/month/year)	•	
×	was filed as Patent Coop	eratio	n Treaty international <i>i</i>	Application No.	
	PCT/EP03/02365		on <u>07/03/2003</u> (day/month/ye		
	and, if this box (□) conta	inș an	×	•	
	entered the natio	nál sta	age in the United State	es and was accorded	Application No.
	and, if this box (□) conta	ins an	×		
	was amended, si	ubseq	uent to entry into the r	ational stage, on	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY	CLAIMED 4
Great Britain	0205537.4	08/03/2002	¥ Yes	□ No
Great Britain	0229054.2	12/12/2002	Yes	□ No
			☐ Yes	□ No
			☐ Yes	□ No
			☐ Yes	□ No
I hereby claim the benef below:	fit under 35 U.S.C. 119(e) o	of any United States prov	isional applicat	ion(s) listed
APPLICATION NO.		FILING DATE (day/month/year)		

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Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Full name of sole or first joint inventor	Motowo NAKAJIMA		
Inventor's signature		Date _	
	¥		(day/month/year)
Residence	Tokyo 171-0052, Japan	,	
Citizenship	Japan		
Post Office Address	3-9-33 Minami Nagasaki Toshima-ku Tokyo 171-0052 Japan		
Full name of second joint inventor, if any	Kazuhiro MIZUMOTO		
Inventor's signature		_ Date _	
	·		(day/month/year)
Residence	Fukuoka-Ken 814-0133, Japan		
Citizenship	Japan		
Post Office Address	Nanakuma 3-18-21 Johnan-ku Fukuoka-shi Fukuoka-Ken 814-0133 Japan		

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

		·		
de	Full name of third joint inventor, if any	Li-Wu QIAN		
	Inventor's signature	x Liwn ains	Date –	02/09/04 (day/month/year)
	Residence	Texas 78229, USA		
	Citizenship	Japan		
	Post Office Address	5534 Fredericksburg Rd., Apt. 212 San Antonio 78229		
	-	USA		
	Full name of fourth joint inventor, if any	Hiroyuki HONDA		
	Inventor's signature		Date	(dov/month/mon)
	Residence	Aichi-ken 458-0818, Japan		(day/month/year)
	Citizenship	Japan		
	Post Office Address	Ohshimizu 5-1107 Midori-ku Nagoya-shi Aichi-ken 458-0818 Japan		

Full name of fifth joint inventor, if any	Naoki KATO		
Inventor's signature		Date _	(day/month/year)
Residence	Gifu-ken 509-7605, Japan	•	
Citizenship	Japan	,	
Post Office Address	Hara 1197 Yamaoka-cho Ena-gun Gifu-ken 509-7605 Japan		,
Full name of sixth joint inventor, if any	Takeshi KOBAYASHI	:	2
Inventor's signature	·	Date _	(day/month/year)
Residence	Aichi-ken 487-0013, Japan		
Citizenship	Japan		• •
Post Office Address	Kozoji-cho 7-7-6-105 Kasugai-shi Aichi-ken 487-0013 Japan		

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Reserve 10 06 JUN 2005 **10/50**6936

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

⊠ Ori	ginal	☐ Supplemental		☐ Substitute
		,	,	
As a b	elow named inventor, I here	by declare that:	•	
My res	idence, post office address	and citizenship are	as stated below next to	my name, and
and joi	ve I am the original, first and nt inventor (if more than one a United States patent is so	e name is listed be	ow) of the subject matter	
	c Metalloproteinase Inhi therapy for the treatmer		nation with Hypother	mia and/or
he spe	ecification of which:			
_	is attached hereto.			
-	was filed on · (day	as //month/year)	Application No.	
	and, if this box (\square) contain	s an 🗶	4	
	□ was amended on	(day/month/year)	_	
×	was filed as Patent Cooper	ration Treaty intern	ational Application No.	
	PCT/EP03/02365		month/year)	·
	and, if this box (□) contain	s an 🗴		
	entered the national	al stage in the Unit	ed States and was accord	ded Application No.
	and, if this box (□) contain	s an ≭		
			ito the national stage, on	
		•	:	(day/month/year)

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Inventor's signature		Date _	(day/month/year)
Residence	Tokyo 171-0052, Japan		
Citizenship	Japan		
Post Office Address	3-9-33 Minami Nagasaki Toshima-ku Tokyo 171-0052 Japan		
Full name of second joint inventor, if any	Kazuhiro MIZUMOTO		
Inventor's signature		Date _	(day/month/year)
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	Inventor's signature		Date	(day/month/year)
	Residence	Texas 78229, USA		
	Citizenship	Japan		
	Post Office Address	5534 Fredericksburg Rd., Apt. 212 Texas 78229 USA	2	
-DD	Full name of fourth joint inventor, if any	Hiroyuki HONDA		
	Inventor's signature		Date	26/8/200 \((day/month/year)
	Residence Citizenship	Aichi-ken 458-0818, Japan		
	Post Office Address	Japan Ohshimizu 5-1107 Midori-ku Nagoya-shi Aichi-ken 458-0818 Japan		

5.00	Full name of fifth joint inventor, if any	Naoki KATO		
	Inventor's signature	n. Xato	Date -	30/8/2004 (day/month/year)
	Residence	Gifu-ken 509-7605, Japan		
	Citizenship	Japan JPX		
	Post Office Address	Hara 1197 Yamaoka-cho Ena-gun Gifu-ken 509-7605 Japan		
0-00	Full name of sixth joint inventor, if any	Takeshi KOBAYASHI		
	Inventor's signature	Takesti Kobayass	Date -	11/9/2004 (day/month/year)
	Residence	Aichi-ken 487-0013, Japan		
	Citizenship	Japan JVX		:
	Post Office Address	Kozoji-cho 7-7-6-105 Kasugai-shi Aichi-ken 487-0013 Japan		